

PATENT

POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST

Revocation of Power of Attorney with New Power of Attorney

HTC Corporation, as assignee of record of the entire right, title and interest in each of the patent application(s) or patent(s) listed as below, hereby revoke all powers of attorney previously given in each of the listed patent application(s) or patent(s) and appoint all practitioners associated with the Customer Number:

27765

as the attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all of the listed patent application(s) and patent(s).

Please recognize or change the correspondence address for the above-identified application to the address associated with the above-mentioned Customer Number.

Statement under 37 CFR 3.73(b)

I hereby state that, as required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11. The chain of title is indicated as below

Appl. No.	Filing Date	Title	Chain of Title			
			No.	from	to	Reel/Frame No.
09/071,966	1998/05/04	METHOD FOR DIALLING A TELEPHONE NUMBER BY VOICE COMMANDS AND A TELECOMMUNICATION TERMINAL CONTROLLED BY VOICE COMMANDS	1	LAURILA, KARI METTALA, MARKKU	NOKIA MOBILE PHONES LTD.	009155/0348
			2	NOKIA MOBILE PHONES LTD.	NOKIA CORPORATION	028092/0565
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation
09/152,366	1998/09/14	STATE APPARATUS, AND ASSOCIATED METHODS, FOR CONTROLLING PACKET DATA COMMUNICATIONS IN A RADIO COMMUNICATION SYSTEM	1	GRAY, STEVEN D. CHENG, MARK PARANTAINEN, JANNE	NOKIA MOBILE PHONES LIMITED	009459/0309
			2	NOKIA MOBILE PHONES LIMITED	NOKIA CORPORATION	028092/0586

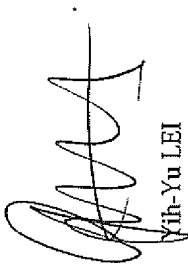
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation
			1	PAKONEN, HANNU	NOKIA MOBILE PHONES LIMITED	010347/0719
09/427,165	1999/10/26	METHOD AND ARRANGEMENT FOR FORMING A TRANSMISSION SIGNAL	2	NOKIA MOBILE PHONES LIMITED	NOKIA CORPORATION	028092/0586
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation
			1	WANG, SHU-SHAW DERRYBERRY, R. THOMAS	NOKIA NETWORKS OY	010650/0564
09/537,049	2000/03/28	Method and apparatus for optimizing the usage of an antenna array beamforming technique	2	NOKIA NETWORKS OY	NOKIA CORPORATION	028093/0396
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation

09/655,328	2000/09/05	SERIAL INTERFACE AND METHOD FOR TRANSFERRING DIGITAL DATA OVER A SERIAL INTERFACE	1	HARMA, ESA HAKKANEN, JOUKO	NOKIA MOBILE PHONES LTD.	011066/0724
			2	NOKIA MOBILE PHONES LTD.	NOKIA CORPORATION	028092/0565
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation
		DYNAMICALLY CONFIGURABLE PROCESSOR	1	PARVIAINEN, JARI A.	NOKIA MOBILE PHONES LIMITED	011491/0164
09/726,188	2000/11/29		2	NOKIA MOBILE PHONES LIMITED	NOKIA CORPORATION	028092/0586
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recordation
09/887,700	2001/12/27	METHOD AND APPARATUS FOR DETERMINING WHETHER TO EMPLOY AN ANTENNA ARRAY BEAMFORMING	1	WANG, SHU-SHAW DERRYBERRY, R. THOMAS	NOKIA NETWORKS OY	013689/0985

		TECHNIQUE	2	NOKIA NETWORKS OY	NOKIA CORPORATION	028093/0396
			3	NOKIA CORPORATION	HTC Corporation	attached and concurrently submitted for recording

Pursuant to 37 CFR 3.71, I hereby state the prosecution of the listed application(s) or reexamination of the listed patent(s) is to be conducted to the exclusion of both the inventor(s) and previous assignee(s).

The undersigned is authorized to act on behalf of the assignee.

Signature  Date May 9<sup>th</sup>, 2012

Name Yih-Yu LEI

Title General Counsel

**SCHEDULE 2 – ASSIGNMENT DOCUMENT****ASSIGNMENT OF PATENT RIGHTS**

For good and valuable consideration, the receipt of which is hereby acknowledged, **NOKIA CORPORATION**, a corporation organized under the laws of Finland, with its principal place of business at Keilalahdentie 4, 02150 Espoo ("Assignor"), does hereby sell, assign, transfer, and convey, unto **HTC CORPORATION**, a corporation validly organised and existing under the laws of Taiwan, R.O.C., having its principal office at 23 Xinghua Road, Tayouan 330, Taiwan, R.O.C., ("Assignee"), or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Patent Rights"):

(a) the provisional patent applications, patent applications and patents listed in the table below (the "Patents"):

<b>Family nr</b>	<b>Title</b>	<b>ctry</b>	<b>Filing Number</b>	<b>Filing Date</b>	<b>Publication Number</b>	<b>Grant Number</b>
1	STEREO REPRODUCTION MAINTAINING MEANS IN HORIZONTAL AND VERTICAL A/V APPLIANCE  POSITIONS	DE	01300129.2	08 Jan 2001	1124175	60129488.2-08
1	STEREO REPRODUCTION MAINTAINING MEANS IN HORIZONTAL AND VERTICAL A/V APPLIANCE  POSITIONS	EP	01300129.2	08 Jan 2001	1124175	1124175

1	STEREO REPRODUCTION MAINTAINING MEANS IN HORIZONTAL AND VERTICAL A/V APPILIANCE  POSITIONS	US	09/775357	01 Feb 2001	20010011993	6882335
2	METHOD AND ARRANGEMENT FOR FORMING A TRANSMISSION SIGNAL	US	09/427165	26 Oct 1999		6480704
3	Apparatus, and associated method, for facilitating antenna weight selection utilizing deterministic perturbation gradient approximation	US	10/832049	26 Apr 2004	20040198228	7212838
3	Apparatus, and associated method, for facillitating antenna weight selection utilizing deterministic perturbation gradient approximation	US	10/146159	15 May 2002	20030215006	6745009
4	APPARATUS, AND ASSOCIATED METHOD, FOR ESTIMATING FREQUENCY OFFSET USING FILTERED, DOWN- SAMPLED LIKELIHOOD POLYNOMIALS	US	10/247414	19 Sep 2002	20040087313	6975839
5	Method of performing code synchronization, and receiver	US	10/215195	08 Feb 2001	20030076876	6807223

6	SERIAL INTERFACE AND METHOD FOR TRANSFERRING DIGITAL DATA OVER A SERIAL INTERFACE	US	09/655328	05 Sep 2000		7072406
7	BURST TRANSMISSION	US	10/558905	26 May 2004	20060245488	7940798
8	DYNAMICALLY CONFIGURABLE PROCESSOR	US	09/726188	29 Nov 2000	20020103841	6959316
9	FOLD MECHANISM	CN	200680015219.2	10 May 2006	101171823	200680015219.2
9	FOLD MECHANISM	EP	06743542.0	10 May 2006	1880531	
9	FOLD MECHANISM	FI	20055225	13 May 2005		117312
9	FOLD MECHANISM	US	11/433082	12 May 2006	20060278234	7797795
10	Opening and closing of a user interface element		11/152826	14 Jun 2005	20060017700	7567237
11	APPARATUS, MEHOD AND COMPUTER PROGRAM PRODUCT PROVIDING A COMPUTATIONALLY EFFICIENT MAXIMUM LIKELIHOOD JOINT SYNCHRONIZATION AND CHANNEL ESTIMATION ALGORITHM	US	11/298278	08 Dec 2005	20070133717	7596191
12	ANTENNA COMPONENTS AND ASSEMBLY	US	11/478457	28 Jun 2006	20080001822	7619571



13	Method and apparatus for optimizing the usage of an antenna array beamforming technique	DE	01919685.6	23 Mar 2001	1277292	60130548.5
13	Method and apparatus for optimizing the usage of an antenna array beamforming technique	EP	01919685.6	23 Mar 2001	1277292	1277292
13	Method and apparatus for optimizing the usage of an antenna array beamforming technique	KR	2002-7012808	23 Mar 2001	2003-64617	669985
13	Method and apparatus for optimizing the usage of an antenna array beamforming technique	US	09/887700	27 Dec 2001	20020089451	6580394
13	Method and apparatus for optimizing the usage of an antenna array beamforming technique	US	09/537049	28 Mar 2000		6369756
14	State apparatus, and associated methods, for controlling packet data communications in a radio communication system	DE	99302388.6	26 Mar 1999	959634	69933906.5

14	State apparatus, and associated methods, for controlling packet data communications in a radio communication system	EP	99302388.6	26 Mar 1999	0959634	0959634
14	State apparatus, and associated methods, for controlling packet data communications in a radio communication system	US	09/152366	14 Sep 1998		6473419
15	Method for dialling a telephone number by voice commands and a telecommunication terminal controlled by voice commands	US	09/071966	04 May 1998		6314166

(b) all patents and patent applications (i) to which any of the Patents directly or indirectly claims priority, and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) all reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, registrations of any item in any of the foregoing categories (a) and (b);

(d) all foreign patents, patent applications, and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models;

(e) all items in any of the foregoing in categories (b) through (d), whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like, but excluding design patents, registered designs and copyright protections;

(f) all rights to apply in any or all countries of the world for patents, certificates of invention, or other governmental grants or issuances of any type related to any item in any of the foregoing categories (a) through (e), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(g) all causes of action (whether known or unknown or whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (b) through (f), including, without limitation, all causes of action and other enforcement rights for (1) damages, (2) injunctive relief, and (3) any other remedies of any kind for past, current, and future infringement; and

(h) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in any of the foregoing categories (b) through (g).

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Espoo, Finland on 16th March 2012.

**NOKIA CORPORATION**

Signed by:

Name:

Title:

Date:

Place:

Jukka Nihtilä  
Head, Business Development  
Legal & IP

16/03/2012

Espoo, Finland

**NOKIA CORPORATION**

Signed by:

Name:

Title:

Date:

Place:

Harri Honkasalo  
Director, Patenting  
Legal and Intellectual Property

16/03/2012

Espoo, Finland

This is to certify that Jukka Nihtilä and Harri Honkasalo  
~~is~~are legally authorized to sign on behalf of  
Nokia Corporation  
and ~~he/she has~~they have signed this  
document in my presence.

Helsinki

Ex officio:

16. 03. 2012

Paula Ojanen  
FAULA OJANIEMI  
Notary Public

